

ABSTRACT

Disclosed is a colloidal silica composition and a method for producing high-purity silica glass using the same. The colloidal silica composition of the present invention
5 comprise an alkoxysilane compound, an organic solvent, deionized water, and a basic catalyst. The colloidal silica composition further includes a basic organic material for adjusting a hydrogen ion concentration (pH) to prevent the formation of agglomerates when concentrated. Silica glass having high purity and excellent sinterability can be produced using the colloidal silica composition of the present invention.